Attorney's Docket No. 5543P006

Confirmation No.: 1349

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

J. J. Garcia-Luna-Aceves

Application No.: 09/844,856

Filed:

April 26, 2001

For: SYSTEM AND METHOD FOR USING NETWORK LAYER UNIFORM RESOURCE LOCATOR ROUTING TO LOCATE THE CLOSEST SERVER CARRYING SPECIFIC CONTENT

Examiner: Chankong, Dohm

Art Unit: 2152

CERTIFICATE OF ELECTRONIC FILING I hereby certify that this correspondence is being deposited with the United States Patent and Trademark Office via electronic filing through the United States Patent and Trademark Electronic Filing System on: 10/16/2007

Date of Deposit

Judy L. Steinkraus

Name of Person Filing Correspondence

S*ig*n(ature

Date

Mail Stop RCE Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications). Additionally, applicants submit herewith a courtesy copy of the Supplemental Amendment with transmittals that includes the Disclosure Statement with Information Disclosure Citation Form PTO-1449 or PTO/SB/08 as filed on July 24, 2007. A copy of the post card with the stamp indicating that this Supplemental Amendment was received at the US PTO on July 30, 2007, is submitted herewith for the Examiner's reference.

It is respectfully requested that the cited documents be considered and that the enclosed copies of Information Disclosure Citation Form PTO-1449 or

PTO/SB/08 be initialed by the Examiner to indicate such consideration and copies thereof returned to applicant(s).

Pursuant to 37 C.F.R. § 1.97, the submission of this Information

Disclosure Statement is not to be construed as a representation that a search

has been made and is not to be construed as an admission that the information

cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

<u>X</u>	_ 37 C.F.R. §1.97(b).
P	37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:
****	A statement pursuant to 37 C.F.R. §1.97(e) or
_	A check for \$ <u>180.00</u> for the fee under 37 C.F.R. § 1.17(p).
	37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:

- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
- (2) A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: 10/16/2007

Tatiana Řossin

Reg. No. 56,833

1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300

Substitute for Form 1449/PTO Complete if Known INFORMATION DISCLOSURE Application Number 09/844,856 Filing Date 04/26/2001 STATEMENT BY APPLICANT First Named Inventor: J.J. Garcia-Luna-(use as many sheets as necessary) Aceves, et al. Art Unit 2152 **Examiner Name** Chankong, Dohm Sheet 1 of 1 Attorney Docket Number 5543P006 **U.S. PATENT DOCUMENTS** Examiner Cite No.1 Publication Date Name of Patentee or Pages, Columns, Lines, initials* Document Number MM-DD-YYYY Applicant of Cited Document Where Relevant Passages or Relevant Number-Kind Code²(if known) Figures Appear 6,175,869 B1 US-1/16/2001 Ahuja et al. 6,574,663 B1 US-6/3/2003 Bakshi et al. 6,917,985 B2 US-7/12/2005 Madruga et al. 7.020.083 B2 US-3/28/2006 Garcia-Luna-Aceves et al. 7,200,111 B2 us-4/3/2007 Garcia-Luna-Aceves et al. USus-US-US-US-US-US-

FOREIGN PATENT DOCUMENTS											
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear						

*		
Examiner	Date Considered	
a	Date Considered	l
Signature		
		1

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁸Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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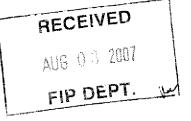
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BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP LOS ANGELES

Application No.: 09/844,856 Filing/Issu	ie Date:	April 26, 2001 Docket No.: 5543P006
Date Mailed: 07-24-2007 Due Da		
Client: Adara Networks		Atty/Sec: LJV TVR den
Fitte: System And Method For Using Network L Closest Server Carrying Specific Content		niform Resource Locator Routing To Locate The
First Named Inventor: J. J. Garcia-Luna-Acev	es	
The following has been received in the U.S.P.T.	O. on th	ne date stamped hereon:
ransmittal Letters & Certificate of Mailing		Petitions & Appeals
▼ Transmittal Letter		Petition for Extension of Time:
Tee Transmittal (original & copy)	E	☐ Notice of Appeal
RCE (Request for Continued Examination) Issue Fee Transmittal (original & copy) Certificate of Mailing	· 1	Appeal Brief (pgs, each)
Issue Fee Transmittal (original & copy)	2	Reply Brief (pgs.)
Certificate of Mailing	न	Other
	2007	
Aissing Parts, Formal Papers		/ (<u>3_pgs.)</u> (previously 1449)
Response to Notice of Missing Parts	- XV	Drawings:sheets,figures
Assignment & Cover sheet (pgs)	~ (S)	☐ Terminal Disclaimer
Response to Notice of Missing Parts Assignment & Cover sheetpgs. Declaration & POA (pgs.)		○ Postcard ○ Postcard
Amendment / Response	i i	Checks
Amendment/Response Supplemental (_4pgs.)	-	Check No. 11631
☐ Examiner Interview Summary (pgs.)	!	Check No Amount \$
Other. Copy of required reference cited (1)		





Application No.: 09/844,856 Filling/Issue Date	: April 26, 2001 Docket No.: 5543P006
Date Mailed: 07-24-2007 Due Date(s):	
Client: Adara Networks	Atty/Sec: LJV TVR den
Title: System And Method For Using Network Layer U Closest Server Carrying Specific Content	niform Resource Locator Routing To Locate The
First Named Inventor: J. J. Garcia-Luna-Aceves	
The following has been received in the U.S.P.T.O. on to	he date stamped hereon:
Transmittal Letters & Certificate of Mailing ☐ Transmittal Letter ☐ Fee Transmittal (original & copy) ☐ RCE (Request for Continued Examination) ☐ issue Fee Transmittal (original & copy) ☐ Certificate of Mailing ☐ Express Mail No.: Missing Parts, Formal Papers ☐ Response to Notice of Missing Parts ☐ Assignment & Cover sheet (pgs.) ☐ Declaration & POA (pgs.) ☐ Amendment/Response ☐ Amendment/Response Supplemental (_4 pgs.) ☐ Examiner Interview Summary (pgs.) ☐ OtherCopy of required reference cited (1)	Petitions & Appeals ☐ Petition for Extension of Time: ☐ Notice of Appeal ☐ Appeal Brief (pgs. each) ☐ Reply Brief (pgs.) Other ☑ Information Disclosure Statement & PTO/SB/08 (3_ pgs.) (previously 1449) ☐ Drawings: figures ☐ Terminal Disclaimer ☑ Postcard Checks ☑ Check No Amount _\$180.00 ☐ Check No Amount _\$

AMENINATIT TO ANGLETTAL DATES.
Application No.: 09/844,856 PATENT
Filing Date: April 26, 2001
Filing Date: April 26, 2001 First Named Inventor J. J. Garcia-Luna-Aceves
Examiner's Name: Chankong, Dohm
Art Unit: 2152
Attorney Docket No.: 5543P006
An Amendment After Final Action (37 CFR 1.116) is attached and applicant(s) request expedited action.
X Charge any fee not covered by any check submitted to Deposit Account No. 02-2666.
Applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 CFR 1.16 and 1.17, for any concurrent or future reply to Deposit Account No. 02-2666.
Applicant(s) claim small entity status (37 CFR 1.27).
ATTACHMENTS
Preliminary Amendment
X Supplemental Amendment
Amendment/Response After Final Action (37 CFR 1.116) (reminder: consider filing a Notice of Appeal)
Notice of Appeal
RCE (Request for Continued Examination)
Supplemental Declaration
Amendment/Response After Final Action (37 CFR 1.116) (reminder: consider filing a Notice of Appeal) Notice of Appeal RCE (Request for Continued Examination) Supplemental Declaration Terminal Disclaimer (reminder: if executed by an attorney, the attorney must be properly of record) Information Disclosure Statement (IDS) Copies of IDS citations Petition for Extension of Time Fee Transmittal Document (that includes a fee calculation based on the type and number of claims)
X Information Disclosure Statement (IDS)
X Copies of IDS citations
Petition for Extension of Time
X Fee Transmittal Document (that includes a fee calculation based on the type and number of claims)
Cross-Reference to Related Application(s)
Certified Copy of Priority Document
Other:
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Other:
X Postcard (Return Receipt)
UBMITTED BY:
LAKELY SOKOLOFF TAYLOR & ZAFMAN LLP
YPED OR PRINTED NAME:
IGNATURE: Keen
EG. NO.: 56,833
ATE:
DDRESS: 1279 Oakmead Parkway
Sunnyvale, California 94085-4040
ELEPHONE NO.: (408) 720-8300
CERTIFICATE OF MAILING BY FIRST CLASS MAIL (if applicable)
ereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 July 24, 2007
Date of Deposit Dianne Neathery
Name of Person Mailing Correspondence
Diame Neathern July 24, 2007
Signature Date
press Mail Label No. (if applicable):

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		nventor		Garcia-Luna-Aceves		
	iner Nar			inkong, Dohm		
Art Ur			215			
		ket No.		3P006		
		Appli	cant cla	ims small entity status. See 3	37 CFR 1.27.	
METH	1OD OF	PAYME	ENT (ch	eck all that apply)		
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	<u> </u>			t or future reply that requires a pe	rtitian far artanaian of time at	
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FEE C	ALCUI	ATION				
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Large	Entity	Small	Entity			
Fee	Fee	Fee	Fee			
Code	(\$)	Code	(\$)	Fee Description		Fees Paid (\$)
1011	300	2011	150	Utility application filing fee	<u>}</u>	\$
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1013	200	2013	100	Plant filing fee	ر	***************************************
1113	300	2113	150	Plant search fee	660/330	
1313	160	2313	80	Plant examination fee	إ	
						
1004	300	2004	150	Reissue filing fee	7	
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					SUBTOTAL (1)	\$ <u>0.00</u>

2. EXCESS CLAIM FEES

		Extra Claims		Fee from below		Fees Paid (\$)
Total Claims HP = highest number of to	- 20 or HP =	0	X	\$50.00	=	
Independent Claims	3 or HP =	<u> </u>	X	\$200.00	=	and the state of t
HP = highest number of in Multiple Dependent Cla		for, if greater than 3			=	

<u>Large</u> l	Entity	<u>Small </u>	Entity	
Fee	Fee	Fee	Fee	
Code	(\$)	Code	(\$)	Fee Description
1202	50	2202	25	Each claim over 20
1201	200	2201	100	Each independent claim over 3
1203	360	2203	180	Multiple dependent claims, if not paid
1204	200	2204	100	Reissue: each claim over 20 and more than in the original patent
1205	50	2205	25	Reissue: each independent claim more than in the original patent
1				•

SUBTOTAL (2) \$ 0.00

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets			Extra Sheets	-	Number of each add'l 50 or fraction thereof		Fee from below	Fees paid (\$)	
warmytaldigmania	_	100	=	/50 =	٠ _	(round up to whole number)	X	<u>\$250.00</u>	

	Large l	Entity	Small i	Entity	
	Fee	Fee	Fee	Fee	Fee Description: Application size fee for each additional group of 50 sheets
	Code	(\$)	Code	(\$)	beyond initial 100 sheets (count spec & drawings except sequences & program listings):
	1081	250	2081	125	Utility
Ì	1082	250	2082	125	Design
ı	1083	250	2083	125	Plant
	1084	250	2084	125	Reissue

SUBTOTAL (3) \$ 0.00

	FEE (CALCULA	TION (co	ntinued)		
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						Fees Paid (\$)
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	<u>Large</u> Fee	Entity Fee	Small E Fee	Intity Fee		
	Code	(\$)	Code	(\$)	Fee Description	
	1051	130	2051	65	Surcharge - late filing fee or oath	
	1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
	1053	130	1053	130	Non-English specification	
	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
ı	1813	8,800	1813	8,800	Request for inter parties reexamination	
	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
	1251 1252	120 450	2251	60 225	Extension for reply within first month	
	1252	1,020	2252 2253	225 510	Extension for reply within second month Extension for reply within third month	
	1254	1,590	2254	795	Extension for reply within fourth month	
1	1255	2,160	2255	1,080	Extension for reply within fifth month	
	1401	500	2401	250	Notice of Appeal	
-	1402	500	2402	250	Filing a brief in support of an appeal	***
1	1403	1,000	2403	500	Request for oral hearing	
-	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1	1452	500	2452	250	Petition to revive – unavoidable	
١	1453	1,500	2453	750	Petition to revive - unintentional	
1	1501	1,400	2501	700	Utility issue fee (or reissue)	
I	1502	800	2502	400	Design issue fee	
1	1503	1100	2503	550	Plant issue fee	
1	1462 1463	400 200	1462 1463	400 200	Petitions to the Commissioner (CFR 1.17(f) Group I)	
ı	1464	130	1464	130	Petitions to the Commissioner (CFR 1.17(g) Group II) Petitions to the Commissioner (CFR 1.17(h) Group III)	
I	1807	50	1807	50	Processing fee under 37 CFR 1.17(n) Group (iii)	
I	1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
l	8021	40	8021	40	Recording each patent assignment per	100.00
l					property (times number of properties)	
	1809	790	2809	395	For filling a submission after final rejection (see 37 CFR 1.129(a))	
l	1814	130	2814	65	Statutory Disclaimer	
l	1810	790	2810	395	For each additional invention to be examined	
					(see 37 CFR 1.129(b))	
	1801	790	2801	395	Request for Continued Examination (RCE)	
	1802	900	1802	900	Request for expedited examination of a design	
İ		_		_	application	
	1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	
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	1803	130	1803	130	Request for voluntary publication or republication	
ł	1808 1454	130 1,370	1808 1454	130 1,370	Processing fee under 37 CFR 1.17(i) (except provisionals) Acceptance of unintentionally delayed claim for priority	
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Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

FEE TRANSMITTAL FOR FY 2007 Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).	
TOTAL AMOUNT OF PAYMENT (\$) 180.00	
Complete if Known: Application No. 09/844,856	
Application No. 09/844,856 Filing Date April 26, 2001	
First Named Inventor J. J. Garcia-Luna-Aceves	
Examiner Name Chankong Dohm	
Art Unit 2152	
Attorney Docket No. 5543P006	
Applicant claims small entity status. See 37 CFR 1.27.	
METHOD OF PAYMENT (check all that apply)	***************************************
X Check Credit Card Money Order None Other (pleas	e identify)
Deposit Account	
Deposit Account Number :02-2666	
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X The Director is Authorized to do the following with respect to the above-identified Deposit A	ccount:
Charge fee(s) indicated below.	
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Warning: Information on this form may become public. Credit card information should not be included on this for	m.
Provide credit card information and authorization on PTO-2038.	
FEE CALCULATION	
1. BASIC FILING, SEARCH, AND EXAMINATION FEES	
Large Entity Small Entity	
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Code (\$) Code (\$) Fee Description Fees Pai	<u>d (\$)</u>
1011 300 2011 150 Utility application filing fee \$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	-
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1012 200 2012 100 Design application filing fee	
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1312 130 2312 65 Design examination fee	-
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1013 200 2013 100 Plant filing fee	
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1313 160 2313 80 Plant examination fee	-
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1004 300 2004 150 Reissue filing fee	. 1
1114 500 2114 250 Reissue search fee 1,400/700 1314 600 2314 300 Reissue examination fee	.
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1005 000 0005 400 Particle 10 11 11 11 11	
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2. <u>E</u>	CESS	CLAIM F	<u>EES</u>					
					Extra Claims		Fee from below	Fees Paid (\$)
	Claims			– 20 or HP		X	\$50.00	
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Fee	Fee	<u>Small</u> Fee	Fee					
Code	(\$)	Code	(\$)	Fee Descrip	tion .			
1202	50	2202	25	Each claim				
1201	200	2201	100		ndent claim over 3			
1203 1204	360 200	2203 2204	180 100	Multiple dep	endent claims, if not paid	46	55	
1205	50	2204	25		ch claim over 20 and more ch independent claim more			
1200		LLVU	20	1.0100UQ. 08/	masperius it claim inore	, uidii	m me ongme	ii patent
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If the s	pecificati for each	FION SIZ on and dri additional	awings 50 she	exceed 100 she ets or fraction th Sheets	ets of paper, the application hereof. See 35 U.S.C. 41(a) Number of each add'l 50 or fraction thereof	size fo (1)(G)	ee due is \$250 and 37 CFR 1 Fee from below) (\$125 for small .16(s). <u>Fees paid (\$)</u>
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FE	E CALCUL	ATION (co	ontinued)		
4.	OTHER F	EE(S)			
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105	51 130	2051	65	Surcharge - late filing fee or oath	
10	52 50	2052	25	Surcharge - late provisional filing fee or cover sheet	
105		1053	130	Non-English specification	
181	•	1812	2,520	For filing a request for ex parte reexamination	
181	•	1813	8,800	Request for inter parties reexamination	
180		1804	920*	Requesting publication of SIR prior to Examiner action	
180	•	1805	1,840*	Requesting publication of SIR after Examiner action	
125		2251	60	Extension for reply within first month	
125		2252	225	Extension for reply within second month	
125	•	2253	510	Extension for reply within third month	
125	•	2254 2255	795	Extension for reply within fourth month	
140		2401	1,080 250	Extension for reply within fifth month	
140		2402	250 250	Notice of Appeal Filing a brief in support of an appeal	
140		2403	500	Request for oral hearing	
145	,	1451	1,510	Petition to institute a public use proceeding	
145		2452	250	Petition to revive – unavoidable	
145		2453	750	Petition to revive - unintentional	
150		2501	700	Utility issue fee (or reissue)	
150	*	2502	400	Design issue fee	
150	3 1100	2503	550	Plant Issue fee	
146	2 400	1462	400	Petitions to the Commissioner (CFR 1.17(f) Group I)	
146	3 200	1463	200	Petitions to the Commissioner (CFR 1.17(g) Group II)	
146		1464	130	Petitions to the Commissioner (CFR 1.17(h) Group III)	
180		1807	50	Processing fee under 37 CFR 1.17(q)	
1800		1806	180	Submission of Information Disclosure Stmt	180.00
802	1 40	8021	40	Recording each patent assignment per	
1				property (times number of properties)	
1809	790	2809	395	For filing a submission after final rejection	
	4 400			(see 37 CFR 1.129(a))	
1814		2814	65	Statutory Disclaimer	
1810	790	2810	395	For each additional invention to be examined	
1801	790	2801	205	(see 37 CFR 1.129(b))	
1802		1802	395 900	Request for Continued Examination (RCE)	
1002	. 300	:002	3 00	Request for expedited examination of a design application	#
1504	300	1504	300	Publication fee for early, voluntary, or normal pub.	
1505		1505	300	Publication fee for republication	
1803		1803	130	Request for voluntary publication or republication	
1808		1808	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	
1454		1454	1,370	Acceptance of unintentionally delayed claim for priority	
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Sian	ature:		Re	Date: July 24, 2007	
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Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Attorney Docket No. 5543P006 Confirmation No. 1349

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Patent Application of:

J.J. Garcia-Luna-Aceves, et al.

Application No.: 09/844,856

Filed: April 26, 2001

For: SYSTEM AND METHOD FOR USING

NETWORK LAYER UNIFORM

RESOURCE LOCATOR ROUTING TO LOCATE THE CLOSEST SERVER CARRYING SPECIFIC CONTENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 Examiner: Changkong, Dohm

Art Unit: 2152

CERTIFICATE OF FIRST-CLASS MAILING

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on July 24, 2007 (Date of Deposit)

By: Brance Neather 7/2
Dianne Neathery

SUPPLEMENTAL AMENDMENT

Sir:

Please enter the following amendment as a supplement amendment filed July 2, 2007.

IN THE SPECIFICATION

Please replace paragraph [0002] with the following paragraph:

This application is also a Continuation-in-Part of U.S. Patent Application 09/810,148, entitled "System and Method for Discovering Information Objects and Information Object Repositories in Computer Networks", filed March 15, 2001-, now U.S. Patent No. 7,162,539 B2, issued January 9, 2007.

Please replace lines 1-5 of paragraph [0035] with the following paragraph:

Furthermore, Rodriguez, Biersack, and Ross (P. Rodriguez, E.W. Biersack, and K.W. Ross, "Improving The Latency in The Web: Caching or Multicast?," Proc. Third WWW Caching workshop, Manchester, UK, June 1998.) "Improving the WWW: Caching or Multicast?," Institut EURECOM 2229, Route Computer Networks and ISDN Systems, pp. 1-17 (March 30, 1998) have shown that multicasting Web documents is an attractive alternative to hierarchical Web caching only when the documents to be pushed are very popular, caching distribution incurs less latency.

Please replace paragraph [0062] with the following paragraph:

To reduce communication and processing overhead in Web routers, a topology of Web routers is defined, such that a given Web router has as its neighbor Web routers a subset of all the Web routers in the system (where the term system refers to all or a portion of the virtual network for Web routers discussed above). A Web router may thus be configured with its set of neighbor Web routers. Such a configuration may be a table of neighbor Web routers which is defined by a network service provider and/or is dynamically updated. In another embodiment of the present invention, a Web router dynamically selects the set of neighbor Web routers with which it should communicate out of all of the Web routers in the system. A Web router preferably communicates with its neighbor Web routers only and uses the Web Information Locator by Distance (WILD) protocol for this purpose. The WILD protocol is disclosed in co-pending and

which U.S. Patent Application 09/810,148, filed March 15, 2001 (now U.S. Patent No. 7,162,539 B2, issued January 9, 2007) claims priority.

Please replace paragraph [0063] with the following paragraph:

In one embodiment of the present invention, WILD runs on top of the Transmission Control Protocol (TCP) in much the same way as the Border Gateway Protocol (BGP) does. In this embodiment, a TCP connection exists between a Web router and each of its neighbor Web routers. In another embodiment of the present invention, WILD can run on top of the TCP Santa Cruz protocol [C. Parsa and J.J. Garcia-Luna-Aceves, "TCP-Santa Cruz: Improving TCP Performance over Networks with Heterogeneous Transmission Media", Proc. IEEE ICNP 99], which is disclosed in commonly-owned U.S. Provisional Application No. 60/190,33260/190,331, filed on March 16, 2000, nowfrom which U.S. Patent Application No. 09/810,148, filed March 15, 2001 (now U.S. Patent No. 7,162,539 B2, issued January 9, 2007) claims priority. Other embodiments of the present invention may be based on alternative protocols for the provision of reliable transmissions between Web routers.

<u>REMARKS</u>

Reconsideration of the application as amended is respectfully requested.

Applicants have amended paragraphs [0002] to insert the issued patent number.

Applicants have amended paragraph [0035] to correct a citation error.

Applicants have amended paragraph [0062] to correct a filing date, and insert the issued patent number.

In this Amendment, applicants have amended paragraph [0063] to correct the incorrect provisional patent application number and to supply the issued patent number.

It is respectfully submitted that the amendments do not add new matter.

If there are any charges not covered by any check submitted, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Date: July 24, 2007

Tatiana Rossin Reg. No. 56,833

1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300 Attorney's Docket No. <u>5543P006</u>

Confirmation No.: 1349

PATENT

Examiner: Chankong, Dohm

2152

Art Unit:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

J. J. Garcia-Luna-Aceves

Application No.: 09/844,856

Filed:

April 26, 2001

For: SYSTEM AND METHOD FOR USING

NETWORK LAYER UNIFORM

RESOURCE LOCATOR ROUTING TO LOCATE THE CLOSEST SERVER CARRYING SPECIFIC CONTENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form, except for copies not required to be submitted (e.g., copies of U.S. patents and U.S. published patent applications). It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

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(Date of Deposit)

Dianne Neathery

(Typed or printed name of person mailing correspondence)

Drawe Neathery 7/24/0(Signature of person mailing confespondence)

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Appl. No.: 09/844,856 Filing Date: April 26, 2001 - 1/2 -

LJV/cak (10/27/04) Atty. Docket: 5543P006 Pursuant to 37 C.F.R. § 1.97, the submission of this Information

Disclosure Statement is not to be construed as a representation that a search
has been made and is not to be construed as an admission that the information
cited in this statement is material to patentability.

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

***************************************		37 C.F.R. §1.97(b).
X	37 C Discl	.F.R. §1.97(c). If so, then enclosed with this Information osure Statement is one of the following:
	A sta	itement pursuant to 37 C.F.R. §1.97(e) or
X	A ch	eck for \$ <u>180.00</u> for the fee under 37 C.F.R. § 1.17(p).
		F.R. §1.97(d). If so, then enclosed with this Information osure Statement are the following:
	(1)	A statement pursuant to 37 C.F.R. §1.97(e); and
	(2)	A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: July 24, 2007

Tatiana Rossin Reg. No. 56,833

1279 Oakmead Parkway Sunnyvale, CA 94085-4040 (408) 720-8300

Appl. No.: 09/844,856 Filing Date: April 26, 2001 - 2/2 - LJ'

LJV/cak (10/27/04) Atty. Docket: 5543P006

Substitute for Form 1449/PTO							Complete if Known			
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							Art Unit Examiner Name		2152 Chankong, Dohm	
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		J. J. GARCIA-LUNA-ACEVES, "The Core-Assisted Mesh Protocol", IEEE Journal on Selected Areas in Communications, Vol. 17, No. 9, August 1999, pp, 1380-1394.	
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Examiner	Da	ate	
Signature	Co	onsidered	

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.